

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 25471-P001US

First Inventor SCHREIBER

Title Diagnostic Use of Polymorphisms...

Express Mail Label No. EM570630143US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17) \$ 6 9 3 . 0 0
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 55]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s) 3 p g s
 - Abstract of the Disclosure
 - Sequence Coding 30 p g s
4. Drawing(s) (35 U.S.C. 113) [Total Sheets]
5. Oath or Declaration u n s i g n e d [Total Pages]
 a. Newly executed (original or copy) u n s i g n e d
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. x paper 30 pages attached to specification
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney *(when there is an assignee)*
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. u n s i g n e d Domestic Representative
O t h e r : C e r t . o f M a i l i n g

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ / _____

Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	<i>(Insert Customer No. or Attach bar code label here)</i>		<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name	James J. Murphy		
Address	Winstead Sechrest & Minick P.C. P.O. Box 50784, 1201 Main Street		
City	Dallas	State	Texas
Country	US	Telephone	(214) 745-5374
			Fax (214) 745-5390

Name (Print/Type)	James J. Murphy	Registration No. (Attorney/Agent)	34,503
Signature			Date July 10, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JC639 U.S. PTO
07/10/01A
TO/09/902176 PRO
07/10/01

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 693.00)

Complete if Known

Application Number	
Filing Date	July , 2001
First Named Inventor	SCHREIBER
Examiner Name	
Group Art Unit	
Attorney Docket No.	25471-P001US

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
 Deposit Account Number **23-2426**
 Deposit Account Name **Winstead Sechrest & Minick P.C.**

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:
 Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,890	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,240	241 620 Petition to revive - unintentional	
142	1,240	242 620 Utility issue fee (or reissue)	
143	440	243 220 Design issue fee	
144	600	244 300 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Processing fee under 37 CFR 1.17(q)	
126	180	126 180 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279 355 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination or of a design application	
Other fee (specify) _____			

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	710	201 355 Utility filing fee	\$ 355.00
106	320	206 160 Design filing fee	
107	490	207 245 Plant filing fee	
108	710	208 355 Reissue filing fee	
114	150	214 75 Provisional filing fee	
SUBTOTAL (1) (\$ 355.00)			

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
22	-20** =	2 X 9 =	18
11	- 3** =	8 X 40 =	320
Multiple Dependent			

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 693.00)		

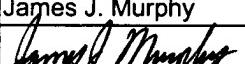
*or number previously paid, if greater; For Reissues, see above

SUBTOTAL (3) (\$)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	James J. Murphy	Registration No. (Attorney/Agent)	34,503	Telephone	(214) 745-5374
Signature				Date	July 10, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

07/01/01 A

Attorney Docket No.
25481-P001US

PATENT APPLICATION



CERTIFICATE OF MAILING BY "U.S. EXPRESS MAIL"
Under 37 C.F.R. 1.10(c)

"Express Mail" Mailing Label Number: EM_570_630_143US
Date of Deposit: July 10, 2000

This 55 pages of Application (including 21 pages of specification, 3 pages of claims, 1 page of abstract and 30 pages of Sequence Listing), no drawings, 5 page unexecuted Declaration and Power of Attorney combined document pending signature by the inventors, 3 page unexecuted PTO/SB/01 Declaration of Utility of Design Patent Application pending signature by the inventors and unexecuted PTO/SB/81 Power of Attorney or Authorization of Agent document pending signature by the inventors, along with the 1 page unexecuted Designation of Domestic Representative pending signature of the inventors and the PTO/SB17 Filing Fee Transmittal Sheet claiming SMALL ENTITY status and its check in the amount of \$693.00 small entity application filing fees accompanied by the PTO/SB/05 Utility Patent Application Transmittal (also claiming small entity status), the 2 page Application Data Sheet, return receipt post card and this Certificate of Mailing, are being deposited with sufficient postage with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.


S. Taylor Lenz

Signed: July 10, 2001

DIAGNOSTIC USE OF POLYMORPHISMS IN THE GENE CODING FOR THE TNF RECEPTOR II AND METHODS FOR DETECTING NON-RESPONDERS TO ANTI-TNF THERAPY

SCHREIBER, Stefan
Moltkestrasse 77
D-24105 Kiel, Germany

Citizenship: Germany

HAMPE, Jochen
Heidekampweg 4
D-12437 Berlin, Germany

Citizenship: Germany

MASCHERETTI, Silvia
Sternstrasse 9

Citizenship: Italy

DALLAS_1\3503384\1
07/06/2001 - 25481-P001US

D-24103 Kiel, Germany

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

07/16/2001 SZEWDIE1 00000003 09902176

01 FC:201	355.00 OP
02 FC:202	320.00 OP
03 FC:203	18.00 OP

PTO-1556
(5/87)